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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)

217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=8; day=14; hr=17; min=59; sec=56; ms=479; ]

\_\_\_\_\_\_

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Reviewer Comments:

<120> DNA Dependent Protein Kinase Catalytic Subunit Phosphorylation Sites and Antibodies Thereto

The above <120> response exceeds the Sequence Rules' required 72-character line limit. Please adjust the line.

(end of Sequence 28)
<400> 28

gccctgggag gcctggtcct ccacaaacat cgga

1

Please remove the "1" above, which appears at the end of the submitted file.

34

## Validated By CRFValidator v 1.0.3

Application No: 10511561 Version No: 2.0

Input Set:

Output Set:

**Started:** 2008-07-15 10:09:22.243

Finished: 2008-07-15 10:09:29.298

**Elapsed:** 0 hr(s) 0 min(s) 7 sec(s) 55 ms

Total Warnings: 26

Total Errors: 31

No. of SeqIDs Defined: 28

Actual SeqID Count: 28

Error code		Error Description
W	213	Artificial or Unknown found in <213> in SEQ ID (1)
E	257	Invalid sequence data feature in <221> in SEQ ID (1)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (1)
W	213	Artificial or Unknown found in <213> in SEQ ID (2)
E	257	Invalid sequence data feature in <221> in SEQ ID (2)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (2)
W	213	Artificial or Unknown found in <213> in SEQ ID (4)
E	257	Invalid sequence data feature in <221> in SEQ ID (4)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (4)
W	213	Artificial or Unknown found in <213> in SEQ ID (5)
E	257	Invalid sequence data feature in <221> in SEQ ID (5)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (5)
W	213	Artificial or Unknown found in <213> in SEQ ID (6)
E	257	Invalid sequence data feature in <221> in SEQ ID (6)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (6)
W	213	Artificial or Unknown found in <213> in SEQ ID (7)
E	257	Invalid sequence data feature in <221> in SEQ ID (7)

## Input Set:

# Output Set:

**Started:** 2008-07-15 10:09:22.243

Finished: 2008-07-15 10:09:29.298

**Elapsed:** 0 hr(s) 0 min(s) 7 sec(s) 55 ms

Total Warnings: 26
Total Errors: 31
No. of SeqIDs Defined: 28

Actual SeqID Count: 28

Error code		Error Description
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (7)
W	213	Artificial or Unknown found in $\langle 213 \rangle$ in SEQ ID (8)
E	257	Invalid sequence data feature in <221> in SEQ ID (8)
E	257	Invalid sequence data feature in <221> in SEQ ID (8)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (8)
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (8)
W	213	Artificial or Unknown found in <213> in SEQ ID (9)
E	257	Invalid sequence data feature in <221> in SEQ ID (9)
Ε	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (9)
W	213	Artificial or Unknown found in <213> in SEQ ID (10)
E	257	Invalid sequence data feature in <221> in SEQ ID (10)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (10)
W	213	Artificial or Unknown found in <213> in SEQ ID (11)
E	257	Invalid sequence data feature in <221> in SEQ ID (11)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (11)
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E	257	Invalid sequence data feature in <221> in SEQ ID (12)
E	224	<220>, $<223>$ section required as $<213>$ has Artificial sequence or Unknown in SEQID (12)

## Input Set:

# Output Set:

**Started:** 2008-07-15 10:09:22.243 **Finished:** 2008-07-15 10:09:29.298

**Elapsed:** 0 hr(s) 0 min(s) 7 sec(s) 55 ms

Total Warnings: 26
Total Errors: 31
No. of SeqIDs Defined: 28
Actual SeqID Count: 28

Error code		Error Description
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E	257	Invalid sequence data feature in <221> in SEQ ID (13)
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E	257	Invalid sequence data feature in <221> in SEQ ID (14)
E	224	<220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (14)
W	213	Artificial or Unknown found in <213> in SEQ ID (16)
W	213	Artificial or Unknown found in <213> in SEQ ID (17)
W	213	Artificial or Unknown found in <213> in SEQ ID (18)
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W	213	Artificial or Unknown found in <213> in SEQ ID (20)
W	213	Artificial or Unknown found in <213> in SEQ ID (21)
W	213	Artificial or Unknown found in <213> in SEQ ID (22) This error has occured more than 20 times, will not be displayed
E	355	Empty lines found between the amino acid numbering and the
E	321	No. of Bases conflict, this line has no nucleotides SEQID (28)

### SEQUENCE LISTING

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<110> Chan, Doug W
 Chen, Ping-Chi B
 Chen, David J
<120> DNA Dependent Protein Kinase Catalytic Subunit Phosphorylation Sites and Antibodies
Thereto
<130> IB-1807 PCT
<140> 10511561
<141> 2008-07-15
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Cys Arg Glu Glu Ile Leu Lys Phe Leu Cys Ile Phe Leu Glu Lys Met
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Gly Gln Lys Ile Ala Pro Tyr Ser Val Glu Ile Lys Asn Thr Cys Thr
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Ser Val Tyr Thr Lys Asp Arg Ala Ala Lys Cys Lys Ile Pro Ala Leu
 115 120 125
Asp Leu Leu Ile Lys Leu Leu Gln Thr Phe Arg Ser Ser Arg Leu Met
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145 150 155 160

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Arg	Pro	Gln	Ile 260	Asp	Leu	Lys	Arg	Tyr 265	Ala	Val	Pro	Ser	Ala 270	Gly	Leu
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Lys	Gln	Val	Ser	Asn 325	Met	Val	Ala	Lys	Asn 330	Ala	Glu	Met	His	Lys 335	Asn
Lys	Leu	Gln	Tyr 340	Phe	Met	Glu	Gln	Phe 345	Tyr	Gly	Ile	Ile	Arg 350	Asn	Val
Asp	Ser	Asn 355	Asn	Lys	Glu	Leu	Ser 360	Ile	Ala	Ile	Arg	Gly 365	Tyr	Gly	Leu
Phe	Ala 370	Gly	Pro	Суз	Lys	Val 375	Ile	Asn	Ala	Lys	Asp 380	Val	Asp	Phe	Met

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Tyr	Ser 450	Pro	Lys	Met	Gln	Leu 455	Val	Суз	Суз	Arg	Ala 460	Ile	Val	Lys	Val
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610 615 620

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His Leu Lys Lys Thr Lys Asn Leu Ser Ser Asn Glu Ala Ile Ser Leu

845

840

835

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Lys Ser Tyr Val Ala Trp Asp Arg Glu Lys Arg Leu Ser Phe Ala Val 885 890 895
Pro Phe Arg Glu Met Lys Pro Val Ile Phe Leu Asp Val Phe Leu Pro 900 905 910
Arg Val Thr Glu Leu Ala Leu Thr Ala Ser Asp Arg Gln Thr Lys Val 915 920 925
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Leu Tyr Lys Arg Thr Phe Pro Val Leu Leu Arg Leu Ala Cys Asp Val 965 970 975
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1490 1495 1500

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